

Social Science Research Coordinated Action Plan



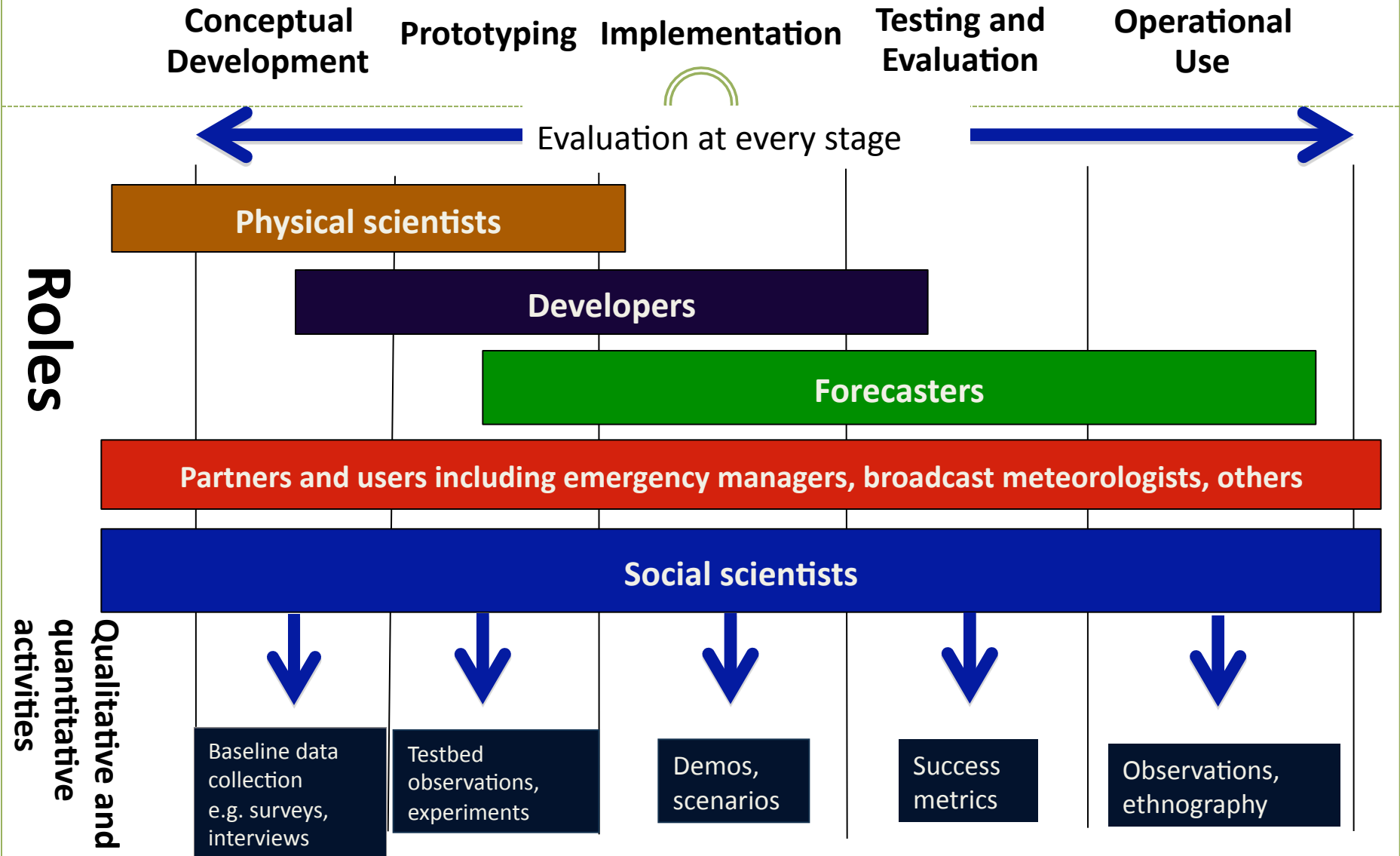
HAROLD BROOKS
NOAA/NSSL
HAROLD.BROOKS@NOAA.GOV

Underlying questions



- How does the universe of users understand/use/need information?
- How can information be passed effectively through the system?
- How are/should decisions be made within forecasting groups using WoF information?

Research-to-Operations



Adapted from Global Systems Division 2009

(From Gruntfest, Nichols, and Hoekstra)

Completed/on-going work



- Survey of public on lead time (Hoekstra et al., in review)
- Survey of public on actions on 10 May (Stalker et al.)
- Broadcaster use of information (Riley MA)
- Spatiotemporal understanding of risk (Klockow PhD)
- Educational institution decision-making (Geog. MA)
 - Nichols (post-secondary)
 - Hoekstra (elementary/secondary)
- Emergency managers and information (Spinney)
 - China-yes/no reports available at >500 sites with some size data
 - Italy, France, and Spain-hailpad networks

Needs



- Decision-making by forecasters, communication in office
- Collaborative work
 - Attract interest from local social science community (CASR etc.)
 - External
 - ✦ Rapid response after events (use Delaware/CASA?)
 - ✦ North Carolina (decision/communication testbed)